

Travel Time & Delay Report for US 67 (Lindbergh Blvd) - MD

Legend:

- CTT:** Summarized Cumulative Travel Time since beginning of Run (seconds)
- CTL:** Summarized Cumulative Travel Distance since beginning of Run (feet)
- CDL:** Summarized Cumulative User-specified Design Distance since beginning of Run (feet)
- CD:** Summarized Cumulative Delay since beginning of Run (seconds) = CTT - CRT
- CRT:** Summarized Cumulative Running Time (seconds) = accumulation of DL/DS since beginning of Run
- CPLSD:** Summarized Cumulative Posted Speed Limit Delay since beginning of Run (seconds)
- CPLRT:** Summarized Cumulative Posted Speed Limit Running Time, or Travel Time since beginning of Run if maintaining Posted Speed Limit (seconds) = accumulation of DL/PLS since beginning of Run
- CMxSD:** Summarized Cumulative Maximum-Speed Delay since beginning of Run (seconds)
- CMinRT:** Summarized Cumulative Minimum Running Time, or Travel Time since beginning of Run if maintaining Maximum Speed (seconds) = accumulation of DL/MxS since beginning of Run
- CStopD:** Summarized Cumulative Stopped Delay since beginning of Run (seconds). The "Stopped Delay" is counted from when the speed drops below 5 mph after exceeding 15 mph until it exceeds 15 mph once again
- CBS1T:** Summarized Cumulative Time spent Below Speed #1 (10 mph) since beginning of Run (seconds)
- CAS1T:** Summarized Cumulative Free-Flow Travel Time (spent Above Speed #1 (10 mph)) since beginning of Run (seconds) = CTT - CBS1T
- CBS2T:** Summarized Cumulative Time spent Below Speed #2 (30 mph) since beginning of Run (seconds)
- CAS2T:** Summarized Cumulative Free-Flow Travel Time (spent Above Speed #2 (30 mph)) since beginning of Run (seconds) = CTT - CBS2T
- CAS:** Summarized Cumulative Actual Average Speed since beginning of Run (mph) = CTL/CTT
- CStops:** Summarized Cumulative number of Stops in Run. A "Stop" is counted when the speed drops below 5 mph after exceeding 15 mph
- CGST:** Summarized Cumulative Time Elapsed from presumed Start of Through Green to Vehicle Startup (seconds). A "Stop" is counted when the speed drops below 5 mph after exceeding 15 mph
- CGCT:** Summarized Cumulative Time Elapsed from presumed Start of Through Green to this Node Crossing (seconds)
- CQDL:** Summarized Cumulative Travel Distance from Vehicle Startup after last Stop to Node Crossing (feet). A "Stop" is counted when the speed drops below 5 mph after exceeding 15 mph
- CLN:** Summarized Cumulative Number of Links in Run
- TV:** Summarized Through Volume (vph)

Cumulative Summary of runs Northbound from Litzinger (#101)

6 Neither-type runs, collected Thursday 10/6/2016 to Thursday 10/6/2016, over day(s) Thu, with starting times during 11:10:59 AM to 12:45:51 PM

7 Before-type runs, collected Thursday 9/18/2014 to Thursday 9/18/2014, over day(s) Thu, with starting times during 11:09:28 AM to 12:55:58 PM

2 After-type runs, 2 of unverifiable origin, collected Thursday 11/5/2015 to Thursday 11/5/2015, over day(s) Thu, with starting times during 11:01:03 AM to 12:26:36 PM

| | CTT | CTL | CDL | CD | CRT | CPLSD | CPLRT | CMxSD | CMinRT | CStopD | CBS1T | CAS1T | CBS2T | CAS2T | CAS | CStops | CGST | CGCT | CQDL | CLN | TV |
|-------------------------------|-----|-------|-------|-----|-----|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|------|-----|----|
| to CP #2 (MO 340) (#2) | | | | | | | | | | | | | | | | | | | | | |
| Average Neither (n=6) | 360 | 17384 | 17313 | 65 | 295 | -112 | 472 | 87 | 274 | 51 | 52 | 309 | 98 | 263 | 33.1 | 2.0 | 66.0 | 306.1 | 243 | 8 | 0 |
| Std Dev Neither (n=6) | 31 | 39 | 0 | 31 | 0 | 31 | 0 | 28 | 5 | 25 | 25 | 6 | 35 | 15 | 2.6 | 1.1 | 58.1 | 119.8 | 199 | 8 | 0 |
| Average Before (n=7) | 369 | 17351 | 17313 | 74 | 295 | -103 | 472 | 85 | 284 | 59 | 59 | 310 | 90 | 280 | 32.3 | 1.4 | 72.9 | 317.9 | 104 | 8 | 0 |
| Std Dev Before (n=7) | 33 | 17 | 0 | 33 | 0 | 33 | 0 | 32 | 3 | 30 | 30 | 6 | 38 | 10 | 2.9 | 0.8 | 62.8 | 123.0 | 138 | 8 | 0 |
| Average After (n=2) | 369 | 17330 | 17313 | 73 | 295 | -104 | 472 | 78 | 291 | 51 | 51 | 318 | 92 | 276 | 32.1 | 2.0 | 132.3 | 417.4 | 253 | 8 | 0 |
| Std Dev After (n=2) | 11 | 11 | 0 | 11 | 0 | 11 | 0 | 6 | 5 | 6 | 8 | 4 | 14 | 3 | 1.0 | 0.0 | 51.3 | 123.2 | 180 | 8 | 0 |
| Difference | -1 | -21 | 0 | -1 | 0 | -1 | 0 | -8 | 7 | -8 | -8 | 8 | 2 | -3 | -0.2 | 0.6 | 59.4 | 99.5 | 149 | 8 | 0 |
| Std Dev Difference | 35 | 20 | 0 | 35 | 0 | 35 | 0 | 32 | 6 | 31 | 31 | 7 | 40 | 11 | 3.1 | 0.8 | 81.1 | 174.1 | 226 | 8 | 0 |
| % Difference | 0% | 0% | 0% | -1% | 0% | -1% | 0% | -9% | 2% | -14% | -14% | 2% | 3% | -1% | -0.5% | 40.0% | 81.5% | 31.3% | 144% | 8 | 0 |

Cumulative Summary of runs Southbound from CP #2 (MO 340) (#2)

7 Neither-type runs, collected Thursday 10/6/2016 to Thursday 10/6/2016, over day(s) Thu, with starting times during 11:01:33 AM to 12:54:26 PM
 13 Before-type runs, 6 of unverifiable origin, collected Thursday 9/18/2014 to Thursday 9/18/2014, over day(s) Thu, with starting times during 11:01:28 AM to 12:45:10 PM
 7 After-type runs, 7 of unverifiable origin, collected Thursday 11/5/2015 to Thursday 11/5/2015, over day(s) Thu, with starting times during 11:07:53 AM to 12:50:58 PM

| | CTT | CTL | CDL | CD | CRT | CPLSD | CPLRT | CMxSD | CMinRT | CStopD | CBS1T | CAS1T | CBS2T | CAS2T | CAS | CStops | CGST | CGCT | CQDL | CLN | TV |
|----------------------------|-----|-------|-------|----|-----|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|------|-----|----|
| to Litzinger (#101) | | | | | | | | | | | | | | | | | | | | | |
| Average Neither (n=7) | 360 | 17372 | 17313 | 59 | 301 | -113 | 472 | 99 | 261 | 53 | 55 | 305 | 107 | 253 | 33.6 | 1.9 | 34.3 | 274.4 | 275 | 8 | 0 |
| Std Dev Neither (n=7) | 53 | 53 | 0 | 53 | 0 | 53 | 0 | 50 | 5 | 43 | 43 | 16 | 58 | 14 | 5.0 | 1.3 | 41.0 | 95.5 | 221 | 8 | 0 |
| Average Before (n=13) | 388 | 17361 | 17313 | 87 | 301 | -85 | 472 | 102 | 285 | 71 | 70 | 317 | 115 | 273 | 30.7 | 2.2 | 83.8 | 301.1 | 209 | 8 | 0 |
| Std Dev Before (n=13) | 32 | 21 | 0 | 32 | 0 | 32 | 0 | 30 | 6 | 28 | 28 | 6 | 34 | 6 | 2.6 | 0.7 | 76.2 | 78.2 | 181 | 8 | 0 |
| Average After (n=7) | 394 | 17347 | 17313 | 93 | 301 | -79 | 472 | 98 | 295 | 59 | 60 | 334 | 124 | 270 | 30.7 | 2.1 | 117.4 | 458.2 | 250 | 8 | 0 |
| Std Dev After (n=7) | 61 | 32 | 0 | 61 | 0 | 61 | 0 | 61 | 3 | 54 | 53 | 11 | 76 | 16 | 4.7 | 1.8 | 106.5 | 123.5 | 202 | 8 | 0 |
| Difference | 6 | -14 | 0 | 6 | 0 | 6 | 0 | -4 | 10 | -12 | -11 | 16 | 9 | -3 | -0.1 | 0.0 | 33.6 | 157.1 | 41 | 8 | 0 |
| Std Dev Difference | 69 | 39 | 0 | 69 | 0 | 69 | 0 | 68 | 7 | 61 | 60 | 13 | 83 | 18 | 5.3 | 1.9 | 131.0 | 146.1 | 271 | 8 | 0 |
| % Difference | 2% | 0% | 0% | 7% | 0% | 7% | 0% | -4% | 4% | -17% | -15% | 5% | 8% | -1% | -0.2% | -0.5% | 40.0% | 52.2% | 20% | 8 | 0 |

Cumulative Summary of all runs, either direction through artery

13 Neither-type runs, collected Thursday 10/6/2016 to Thursday 10/6/2016, over day(s) Thu, with starting times during 11:08:19 AM to 1:00:31 PM
 20 Before-type runs, 6 of unverifiable origin, collected Thursday 9/18/2014 to Thursday 9/18/2014, over day(s) Thu, with starting times during 11:06:31 AM to 1:00:44 PM
 9 After-type runs, 9 of unverifiable origin, collected Thursday 11/5/2015 to Thursday 11/5/2015, over day(s) Thu, with starting times during 11:05:58 AM to 12:56:58 PM

| | CTT | CTL | CDL | CD | CRT | CPLSD | CPLRT | CMxSD | CMinRT | CStopD | CBS1T | CAS1T | CBS2T | CAS2T | CAS | CStops | CGST | CGCT | CQDL | CLN | TV |
|-----------------------------------|-----|-------|-------|----|-----|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|--------|-------|-------|------|-----|----|
| to End of Arterial Section | | | | | | | | | | | | | | | | | | | | | |
| Average Neither (n=13) | 360 | 17378 | 17313 | 62 | 298 | -112 | 472 | 93 | 267 | 52 | 53 | 307 | 103 | 257 | 33.3 | 1.9 | 49.0 | 289.1 | 260 | 16 | 0 |
| Std Dev Neither (n=13) | 43 | 46 | 0 | 43 | 3 | 43 | 0 | 40 | 8 | 35 | 34 | 12 | 47 | 14 | 3.9 | 1.2 | 50.2 | 103.9 | 203 | 16 | 0 |
| Average Before (n=20) | 381 | 17358 | 17313 | 83 | 299 | -91 | 472 | 96 | 285 | 67 | 66 | 315 | 106 | 275 | 31.3 | 1.9 | 80.0 | 307.0 | 172 | 16 | 0 |
| Std Dev Before (n=20) | 33 | 20 | 0 | 32 | 3 | 33 | 0 | 31 | 5 | 28 | 28 | 7 | 37 | 8 | 2.7 | 0.8 | 70.3 | 93.3 | 171 | 16 | 0 |
| Average After (n=9) | 388 | 17343 | 17313 | 89 | 299 | -84 | 472 | 94 | 294 | 57 | 58 | 330 | 117 | 271 | 31.0 | 2.1 | 120.7 | 449.1 | 251 | 16 | 0 |
| Std Dev After (n=9) | 54 | 29 | 0 | 54 | 2 | 54 | 0 | 54 | 4 | 47 | 46 | 12 | 67 | 15 | 4.1 | 1.5 | 94.2 | 116.8 | 186 | 16 | 0 |
| Difference | 7 | -14 | 0 | 6 | 1 | 7 | 0 | -3 | 10 | -10 | -9 | 15 | 11 | -4 | -0.3 | 0.2 | 40.7 | 142.1 | 79 | 16 | 0 |
| Std Dev Difference | 63 | 35 | 0 | 62 | 4 | 63 | 0 | 62 | 7 | 55 | 54 | 14 | 77 | 17 | 4.9 | 1.7 | 117.6 | 149.5 | 252 | 16 | 0 |
| % Difference | 2% | 0% | 0% | 7% | 0% | 7% | 0% | -3% | 3% | -15% | -13% | 5% | 10% | -1% | -0.9% | 11.1% | 50.9% | 46.3% | 46% | 16 | 0 |